BARCELONALED ILUMINACION S.L.
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Spectral test report for lamp

Product type :
Product No. : B1770-40W-CCT-M_BN
Manufacturer :

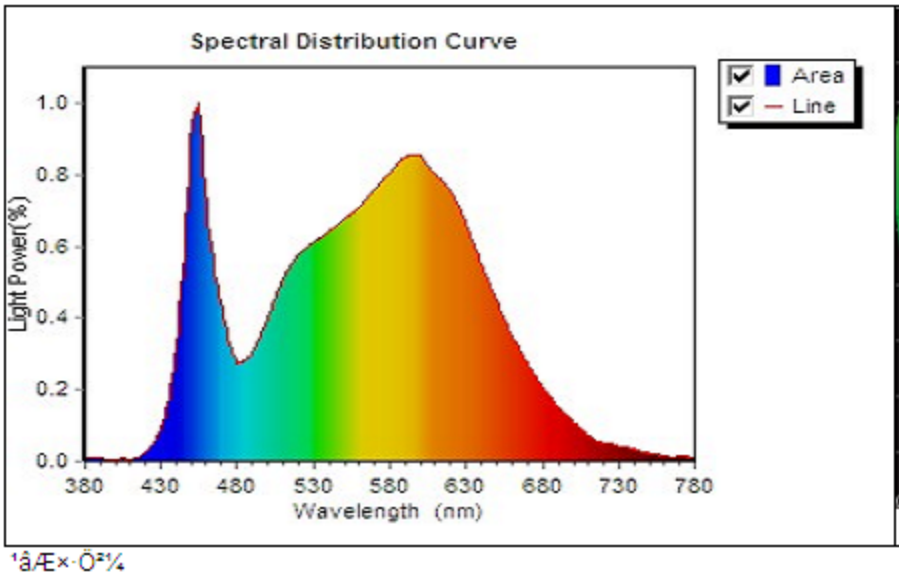
Test date. : 2024-02-13
Test equipment : SPEC2000A Spectrometer
Opertor. :

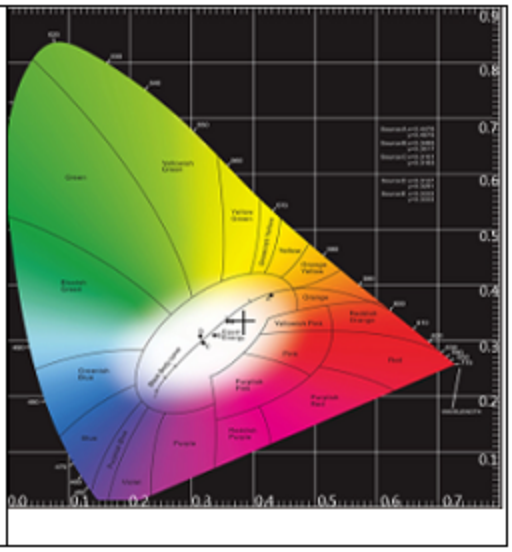
Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 46869 (71.5%)
Integral time. : 72ms

Spectral Parameter





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CIE Color Parameter

Chromaticity coordinates:x=0.3778 y=0.3736 u=0.2246 v=0.3332 (duv=-0.0007)
Color temperature:TC=4051 K Color difference:SDCM=2.5 Main Wavelength:?d=484.06nm Purity:Purity=0.178
Peak wavelength:?p=453.2 nm FWHM:??p=22.4 nm Color ratio:R=20.03% G=76.43% B=3.54%

Color rendering index (Ra):Ra=85.2
R1=84.2 R2=91.7 R3=95.8 R4=83.6 R5=83.9 R6=87.5 R7=86.6 R8=67.6
R9=17.9 R10=79.4 R11=83.0 R12=62.3 R13=87.1 R14=98.0 R15=78.7

Optical Parameter

Luminous flux: 4041.969 lm luminous efficiency:102.85 lm/w Radiant flux: 12.4327 W

Electrical Parameter

Voltage: 230.5 V Current: 0.175 A Watte: 39.30 W Power factor: 0.970